179-5**4** 39200/US/JMD Nixon & Vanderhye P.C. (10/99)

(Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63)

INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am riginal, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject which is claimed and for which a patent is sought on the invention entitled:

A METHOD FOR MAPPING THE ACTIVE SITES BOUND BY ENZYMES THAT COVALENTLY MODIFY SUBSTRATE MOLECULES

the specification of which (check applicable box(s)): is attached hereto (Atty. Dkt. No. 179-54) as U.S. Application Serial No. 10/020,436 was filed on December 18, 2001 [X]PCT/GB98/03259 30 October 1998 on [X] was filed as PCT International application No. and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application: Priority Foreign Application(s): Day/Month/Year Filed **Application Number** Country 30 October 1997 United Kingdom 9722818.3 I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Date/Month/Year Filed **Application Number** Thereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below: Status: patented Prior U.S./PCT Application(s): pending, abandoned Day/Month/Year Filed Application Serial No. 30 October 1998 PCT/GB98/03259 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: Customer Number 23117, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s). 1. Inventor's Signature: English Clark Inventor: Jonathan (citizenship) (last) Residence: (city) Mailing Address: (Zip Code) 2. Inventor's Signature: English Lamont Inventor: Alan (citizenship) MI (last) (first) (state/country) Residence: (city) Mailing Address: (Zip Code)

[X] See attached sheet(s) for additional inventor(s) information!!

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Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign)

3.	Inventor's Signature:		•			Date:	
	Inventor:	David (first)	W. (BADE)	MI	Williams (last)		English (citizenship)
	Residence: (city)				(ctato/country)		
	Mailing Address:						
	(Zip Code)	<del></del>					
4.	Inventor's Signature:					Date:	
	Inventor:						
	<b>5</b>	(first)		MI	(last)		(citizenship)
	Residence: (city)	<del></del>			(state/country)		
	Mailing Address:		<del> </del>				
	(Zip Code)						
5.	Inventor's Signature:					Date:	•
	Inventor:						
		(first)		MI	(last)		(citizenship)
	Residence: (city)	· · · · · · · · · · · · · · · · · · ·			(state/country)		
	Mailing Address:		·				
	(Zip Code)						
6.	Inventor's Signature:					Date:	•
	Inventor:						_ <del></del>
		(first)		MI	(last)		(citizenship)
	Residence: (city)				(state/country)		
	Mailing Address:	, ,				_	
	(Zip Code)						

FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet with same information and signature and date for each.

179-54 39200/US/JMD

(Domestic Non-Assigned/Foreign) Page 1 RULE 63 (37 C.F.R. 1.63) DECLARATION FOR PATENT APPLICATION IN THE LINE STATES PATENT AND TRADEMARK OFFICE

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	METHOD FOR MAPPI	NG THE ACTIVE SITES E	BOUND BY ENZYMES THA	T COVALENTLY MO	DIFY SUBSTRA	TE MOLECULES
the spec	cification of which (chec is attached hereto	k applicable box(s)):				
[x]	was filed on	December 18, 2001	as U.S. Application Ser	rial No. 10/020,43	6	(Atty. Dkt. No. 179-54)
	was filed as PCT Interna		PCT/GB98/03259	on	30 October 1998	3
and (if a	applicable to U.S. or PCT	application) was amende	ed on			
amenda defined listed be which p	nent referred to above. I in 37 C.F.R. 1.56. I here low and have also ident riority is claimed or, if no Foreign Application(s):	l acknowledge the duty to eby claim foreign priority b ified below any foreign ap priority is claimed, before	ntents of the above identified disclose to the Patent Office enefits under 35 U.S.C. 119 plication for patent or inventation the filing date of this application.	e all information know 1/365 of any foreign ap or's certificate having	n to me to be ma	sterial to patentability as patent or inventor's certificat ore that of the application or
	Application Numl 9722818.3	oer .	Country United Kingdom			Day/Month/Year Filed 30 October 1997
	Application Numl	oer	United States provisional ap Date/Month/Year Fil	ed ` 		
Prior U.	S./PCT Application(s): tion Serial No. PCT/GB98/0325		Day/Month/Year File 30 October 1998		ons listed above	Status: patented pending, abandoned
be true; imprison	and further that these st iment, or both, under Se	atements were made with ction 1001 of Title 18 of th	n knowledge are true and the the knowledge that willful fa the United States Code and the f the owner(s) hereof, I here	alse statements and the hat such willful false s	ie like so made a tatements may i	are punishable by fine or ecoardize the validity of the
4000 (to owner's/ resulting	whom all communication whomers' attorneys to programmers, attorneys to programmers, and authorized communicated from the programmers.	ns are to be directed) and secute this application and Nixon & Vanderhye to ac	the attorneys of: Custo d to transact all business in d or delete attorneys from the y, firm, or other organization	omer Numbe the Patent and Trade nat Customer Numbe	r 23117, ind mark Office conr r, and to act and	lividually and collectively nected therewith and with the rely solely on instructions
1.	Inventor's Signature:				Date:	
	Inventor:	Jonathan (first)	MI	Clark (last)		English
	Residence: (city) Mailing Address: (Zip Code)	· · · ·		(state/country)		(citizenship)
2.	Inventor's Signature:		•		Date:	
	Inventor:	Alan		Lamont		English
	Decidence (city)	(first)	MI	(last)		(citizenship)
	Residence: (city) Mailing Address:		· · · · · · · · · · · · · · · · · · ·	state/country)		
	(Zip Code)					

[X] See attached sheet(s) for additional inventor(s) information!!

Nixon & Vanderhye P.C. (10/99)

1/9-54 Serial No. 10/020,436 Page 2 يز DEC 0 7 2004

Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign)

3.	Inventor's Signature:		<del></del>	Date: \	- ite // skill
	Inventor:	David		Williams	English
		(first)	MI	(last)	(citizenship)
		CAMBROCE		(state/country)	
	Mailing Address:	PETERHOUSE	TECHNOCICY	WILLIES SUL, MIRS	<u> 79</u>
	(Zip Code)	CBY 361			
	Inventor's Signature:			Date:	
	Inventor:				
		(first)	MI	(last)	(citizenship)
	Residence: (city)			(state/country)	
	Mailing Address:	, ,			
	(Zip Code)		· · · · · · · · · · · · · · · · · · ·		
5.	Inventor's Signature:			Date:	
	Inventor:				
		(first)	MI	(last)	(citizenship)
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179-54 39200/US/JMD

(Zip Code)

Nixon & Vanderhye P.C. (10/99)
(Domestic Non-Assigned/Foreign) Page 1

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DECLARATION FOR PATENT APPLICATION

A METHOD FOR MAPPING THE ACTIVE SITES BOUND BY ENZYMES THAT COVALENTLY MODIFY SUBSTRATE MOLECULES the specification of which (check applicable box(s)): is attached hereto (Atty. Dkt. No. 179-54) as U.S. Application Serial No. 10/020,436 was filed on December 18, 2001 [X] PCT/GB98/03259 on 30 October 1998 was filed as PCT International application No. [X] and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application: Priority Foreign Application(s): Day/Month/Year Filed **Application Number** Country United Kingdom 30 October 1997 9722818.3 I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Date/Month/Year Filed **Application Number** I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below: Status: patented Prior U.S./PCT Application(s): pending, abandoned Day/Month/Year Filed Application Serial No. 30 October 1998 PCT/GB98/03259 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: Customer Number 23117, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s). Date: 1. Inventor's Signature: English Inventor: Jonathan Clark (citizenship) (first) MI (last) (state/country) Residence: (city) Mailing Address: (Zip Code) 2. Inventor's Signature: English Alaň Lamont Inventor: ΜI (last) (citizenship) (first) (state/country) Residence: (city) Mailing Address: CROYDON NR ROYSTON

[X] See attached sheet(s) for additional inventor(s) information!!

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3.	Inventor's Signature: Inventor:  Residence: (city) Mailing Address: (Zip Code)	David (first)	ADEMARKS MI			English (citizenship)
4.	Inventor's Signature: Inventor:  Residence: (city) Mailing Address:  (Zip Code)	(first)			Date:	(citizenship)
5.	Inventor's Signature: Inventor:  Residence: (city) Mailing Address: (Zip Code)	(first)	MI	(last) (state/country)		(citizenship)
6.	Inventor's Signature: Inventor:  Residence: (city) Mailing Address: (Zip Code)		MI	(last) (state/country)		(citizenship)

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